

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	543	417/207,208.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 18:27
L2	48	I1 and (immiscible or marangoni or microdroplet or gradient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 18:27
L3	134	I1 and thermal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 18:30
L4	90	I3 not I2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 18:30
L6	460	(dispense droplet liquid surface beam light heat gradient move)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/07 18:36
L7	0	(dispense droplet liquid surface beam light heat gradient move).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/07 18:36
L8	0	(dispense droplet liquid surface beam light heat gradient).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/07 18:36

L9	0	(dispense droplet liquid beam light heat gradient).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/07 18:37
L10	3	(dispense droplet liquid beam light heat ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/07 18:37
S1	15	"20030086824".pn. "2002001544".pn. "6620620".pn. "5275787".pn. "5856200".pn. "20040191127".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 10:56
S2	1	("2004/0191127").URPN.	USPAT	AND	ON	2008/08/19 11:00
S3	652	250/432r.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 11:01
S4	125	S3 and (droplet or thermal or gradient or tweezer or immiscible or microfluid \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 11:02
S5	108	S3 and (droplet or thermal or gradient or tweezer or immiscible or microfluid \$4)	US-PGPUB; USPAT	OR	ON	2008/08/19 11:04
S6	764	250/251.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/20 13:07
S7	44	dye near optical adj absorption	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/20 13:09

S8	3582	dye and optical adj absorption	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/20 13:11
S9	660	dye with optical adj absorption	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/20 13:11
S10	12	dye with optical adj absorption with increase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/20 13:12
S11	182	S9 @py<="2003"	USPAT	AND	ON	2008/08/20 13:12
S12	181	infrared wavelength and heat and create gradient	USPAT	WITH	ON	2008/08/20 14:21
S13	82	S12 and @py<="2003"	USPAT	WITH	ON	2008/08/20 14:22
S14	299	infrared.ab. and heat and gradient and laser	USPAT	WITH	ON	2008/08/20 14:23
S15	46	S14 and @py<="2003" and "250".clas.	USPAT	WITH	ON	2008/08/20 14:23
S16	296	near?infrared laser beam	USPAT	WITH	ON	2008/08/20 14:28
S17	0	(near?infrared laser beam)".ab" and optical tweezer	USPAT	WITH	ON	2008/08/20 14:28
S18	1	(near?infrared laser beam) and optical tweezer	USPAT	WITH	ON	2008/08/20 14:28
S19	732	marangoni	USPAT	WITH	ON	2008/08/20 14:31
S20	67	S19 and infrared	USPAT	WITH	ON	2008/08/20 14:31
S21	40	S20 and @py<="2004"	USPAT	WITH	ON	2008/08/20 14:31
S22	13008	thermal cycling	USPAT	WITH	ON	2008/08/20 14:37
S23	6019	decanol	USPAT	WITH	ON	2008/08/20 14:38
S24	561	S23 and immiscible	USPAT	WITH	ON	2008/08/20 14:38
S25	0	S24 and "250".clas.	USPAT	WITH	ON	2008/08/20 14:38

S26	7	S23 and "250" clas	USPAT	WITH	ON	2008/08/20 14:38
S27	0	"20070069901".pn.	USPAT	OR	ON	2008/08/20 16:08
S28	1	"20070069901".pn.	US-PGPUB; USPAT	OR	ON	2008/08/20 16:08
S29	1	("2007/0069901"). UIRPN	USPAT	AND	ON	2008/08/20 16:18
S30	2	"6539956".pn. or "6469779".pn.	USPAT	AND	ON	2008/08/20 17:08
S31	1	"20040115830".pn. or "20040211659".pn. or "3808550".pn.	USPAT	AND	ON	2008/08/20 17:13
S32	3	"20040115830".pn. or "20040211659".pn. or "3808550".pn.	US-PGPUB; USPAT	AND	ON	2008/08/20 17:13
S33	8	"20020001544".pn. or "6620620".pn. or "5275787".pn. or "5586200".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/21 14:45
S34	2	"6130098".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/21 15:15
S35	2	"6524456".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/21 15:17
S36	2	"6573491".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/21 15:19
S37	375	250/428,429 ccls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/21 15:31

S38	0	S37 and marangoni	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/21 15:31
S39	0	S38 and thermal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/21 15:31
S40	74	S37 and thermal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/21 15:32
S41	44	S40 and @ay<="2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/21 15:32
S42	383	137/827,828.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/24 11:50
S43	100	S42 and "light"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/24 11:51
S44	2	S42 and marangoni	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/24 11:52
S45	124	S42 and (thermal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/24 11:56

S46	38	S45 and gradient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/24 11:56
S47	78	S42 and (laser or (light with beam))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/24 12:02
S48	59	S47 not S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/24 12:02
S49	29	("4121884"   "4494128"   "4505539"   "4615580"   "5181016"   "5699462"   "5730187"   "5777649"   "6062681"   "6072924"). PN. OR ("6360775"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:33
S50	56	("20020008032"   "3641354"   "3990783"   "4079368"   "4245886"   "4270517"   "4371753"   "4505539"   "4583824"   "4682844"   "4988157"   "5104813"   "5303021"   "5408313"   "5478751"   "5681484"   "5698299"   "5726751"   "5771810"   "5838846"   "5852689"   "5863502"   "5876187"   "5900934"   "5936730"   "5960131"   "5972710"   "6007775"   "6037955"   "6055344"   "6067157"   "6074725"   "6091502"   "6100541"   "6154586"   "6190034"   "6264892"   "6274089"   "6307204"   "6360775"   "6369893"   "6437345"   "6445845"   "6470106"   "6487333"   "6494614"   "6537506"   "6542231"   "6547941"   "6577793"   "6581441"   "6585939"   "6614030"   "6627446").PN. OR ("7027683").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 11:37

S51	1918	137/808-828.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/30 14:37
S52	223	S51 and "light"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/30 14:37
S53	383	137/827,828.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/30 14:38
S54	124	S53 and (thermal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/30 14:38
S55	38	S54 and gradient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/30 14:38
S56	78	S53 and (laser or (light with beam))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/30 14:38
S57	29	("4121884"   "4494128"   "4505539"   "4615580"   "5181016"   "5699462"   "5730187"   "5777649"   "6062681"   "6072924"). PN. OR ("6360775"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 14:38

S58	56	(("20020008032"   "3641354"   "3990783"   "4079368"   "4245886"   "4270517"   "4371753"   "4505539"   "4583824"   "4682844"   "4988157"   "5104813"   "5303021"   "5408313"   "5478751"   "5681484"   "5698299"   "5726751"   "5771810"   "5838846"   "5852689"   "5863502"   "5876187"   "5900934"   "5936730"   "5960131"   "5972710"   "6007775"   "6037955"   "6055344"   "6067157"   "6074725"   "6091502"   "6100541"   "6154586"   "6190034"   "6264892"   "6274089"   "6307204"   "6360775"   "6369893"   "6437345"   "6445845"   "6470106"   "6487333"   "6494614"   "6537506"   "6542231"   "6547941"   "6577793"   "6581441"   "6585939"   "6614030"   "6627446").PN. OR ("7027683").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/04/30 14:38
S59	162	S52 not (S56 or S55 or S57 or S58)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/30 14:38
S60	3	S59 and ((thermal with gradient) or (marangoni) or (thermocapillary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/30 14:39
S61	159	S59 not S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/30 14:40
S62	21	S61 and beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/30 14:40



S63	141	S59 not S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/30 14:42
-----	-----	-------------	---	-----	----	---------------------

5/7/2009 6:38:32 PM

C:\Documents and Settings\bpurinton\My Documents\ EAST\ Workspaces\ 10597372.wsp